Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 17 Aug 2020 until 23:59 on Tuesday 18 Aug 2020

Forecast Issued on Sunday 16 Aug 2020 at 15:37

Confidence: High confidence for an unsettled period of weather, however confidence is low to moderate for extent and intensity of heavy showers and thunderstorms over the next few days. Confidence generally higher for the onset of some wet and windy weather towards the latter stage of this coming week.

Headline for Monday 17 Aug 2020: A grey and gloomy start, but brightening up with sunny spells and scattered heavy showers and thunderstorms.

Mountain weather hazards on Monday 17 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Dull	Dull	Light rain showers	Heavy rain showers	Heavy rain showers (night)
Precipitation probability							
70%	60%	40%	30%	20%	30%	40%	40%

Forecast for Monday 17 Aug 2020

Weather: Overcast and wet through the early hours of Monday morning with outbreaks of heavy and perhaps thundery rain spreading northwards across the park. Cloud will be low bringing extensive mist and fog, which will continue through the morning, although much of the rain will ease, aside from further light rain and drizzle for a time. During the afternoon, skies will brighten from the south allowing some sunshine to break through, however this could spark further heavy showers and thunderstorms. These will steadily ease during the evening giving a drier end to Monday.

Chance of cloud free mountain/hill tops above 600m: 0-10% until 13:00, with hill tops in the west and south most favoured for any breaks. Becoming 70-80% for most after 13:00 with southern and western parts of the park seeing the improvements first. Heavy showers and thunderstorms may occasionally cover tops in cloud.

Visibility: Often moderate or poor (in rain) and very poor <100m (in fog) until 12:00, where navigation will be difficult. Improving as skies brighten to become excellent 25km, but occasionally moderate or poor to just a few kilometres in heavy showers and thunderstorms.

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Forecast for Monday 17 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/21 NE	12/18 NE	11/17 NE	9/13 NE	8/12 E	6/9 E	6/10 SE	5/8 SE	6/9 S
300	9/20 NE	9/18 NE	8/17 NE	7/13 NE	6/11 E	5/10 E	4/8 SE	2/6 SE	3/7 S
Valley	9/20 NE	9/17 NE	8/16 NE	7/12 NE	3/7 SE	4/8 E	2/6 SE	3/7 S	3/8 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	11/8	11/9	12/11	14/13	15/14	15/14	14/13	13/12
300	13/11	13/11	13/12	14/14	16/16	18/18	17/17	15/15	14/14
Valley	15/13	14/13	14/13	16/15	18/18	19/20	18/19	16/16	16/16
Freezing Level*	3000m	3100m	3000m	2900m	2800m	2800m	2800m	2800m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Wind gusts will be higher (locally 20-25 mph) in and around heavy showers and thunderstorms.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 16 Aug 2020	3.4mm	3.4mm	3.4mm

Forecast for Tuesday 18 Aug 2020

Weather: A mixture of clear spells and scattered heavy showers at first, although perhaps turning drier through the morning with some sunshine breaking through. A scattering of heavy and perhaps thundery showers are possible through Tuesday afternoon, but it will steadily turn drier during the evening and overnight.

Maximum wind: Southwesterly 20mph, gusting 25-30mph.

Chance of cloud free mountain/hill tops above 600m: 30% until 10:00, rising to 90% with scattered showers or thunderstorms causing clouds to occasionally cover tops.

Visibility: Generally excellent 25km, with far reaching hills visible. Falling to just a few kilometres in heavy showers and thunderstorms and only a few hundred metres in cloud.

Temperature: **Valleys:** Plus 14 Celsius, becoming Plus 17 Celsius.
At 600m: Plus 13 Celsius.
Freezing level: Above tops.

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